



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## MAIL STOP AMENDMENT

In re Patent Application of  
Takashi Okuda et al.

Application No.: 10/715,456  
Filing Date: November 19, 2003

Title: MODULATOR PROVIDING ONLY QUANTIZATION ERROR COMPONENT TO DELTA SIGMA MODULATOR

Group Art Unit: 2819  
Examiner: KHAI M. NGUYEN  
Confirmation No.: 3920

## AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- A Petition for Extension of Time is also enclosed.  
 Terminal Disclaimer(s) and the  \$65.00 (2814)  \$130.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.  
 Also enclosed is/are \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Small entity status is hereby claimed.  
 Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the  \$395.00 (2801)  \$790.00 (1801) fee due under 37 C.F.R. § 1.17(e).  
 Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.  
 Applicant(s) previously submitted \_\_\_\_\_  
\_\_\_\_\_  
on \_\_\_\_\_, for which continued examination is requested.  
 Applicant(s) requests suspension of action by the Office until at least \_\_\_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.  
 A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- No additional claim fee is required.  
 An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	11	MINUS 20 =	0	x \$50.00 (1202) =	\$ 0.00
Independent Claims	4	MINUS 4 =	0	x \$200.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$360.00 (1203)					\$ 0.00
Total Claim Amendment Fee					\$ 0.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					\$ 0.00
<b>TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT</b>					<b>\$ 0.00</b>

- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.  
 Charge \_\_\_\_\_ to Deposit Account No. 02-4800.  
 Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By

Ellen Marcie Emas

Registration No. 32,131

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: March 7, 2005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Takashi Okuda et al. ) Group Art Unit: 2819  
Application No.: 10/715,456 ) Examiner: KHAI M. NGUYEN  
Filed: November 19, 2003 ) Confirmation No.: 3920  
For: MODULATOR PROVIDING ONLY )  
QUANTIZATION ERROR )  
COMPONENT TO DELTA SIGMA )  
MODULATOR )

**AMENDMENT UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: March 7, 2005

Sir:

This Amendment responds to the Office Action dated December 14, 2004  
(Paper No. 11302004). Please amend the above-identified patent application as  
follows: